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COUNTY COUNCIL OF BERWICK.



ANNUAL REPORT

ON THE

Health and Sanitary Conditions
of the County

BY

THE COUNTY MEDICAL OFFICER,
FOR THE YEAR 1951.

DUNS :

Printed by Martin's Printing Works, Ltd.,
48, Market Square.

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To:—

The County Council of the County of Berwick,

The Town Councils of Duns, Eyemouth, Coldstream and Lauder, and

The Department of Health for Scotland.

My Lords, Ladies and Gentlemen,

I have the honour to submit my annual report on the health and sanitary conditions of the County of Berwick for the Year 1951.

I am,

Your obedient Servant,

A. ALLAN,

County Medical Officer of Health.

Public Health Department,
Bridgend,
Duns.

In presenting this report for 1951, there are several features to which I think special attention should be directed :—

Whooping Cough.—There were 37 cases notified, but the real number is probably greater than that. Immunisation has been proved to be of real benefit in this distressing disease, both in prevention and in reducing the case mortality, and I hope increasing use will be made of immunisation in the future.

Diphtheria.—No cases notified—a tribute to the efficiency of immunisation.

Leprosy.—Became notifiable for the first time on 1st September, 1951, and a few weeks later a case of this rare disease was discovered in the County.

Tuberculosis.—22 new cases were notified during the year, a considerable decrease from last year's figure of 37, and the tuberculosis death rate has fallen to the record low figure of .08 per 1,000 population. All cases requiring sanatorium treatment are admitted to East Fortune Hospital, or to the Anderson Sanatorium, Hawick, and I am very pleased to be able to report that there is virtually no waiting list. New cases have no more than a week or two to wait before a bed is available.

I think it should be reported too, that there is complete and agreeable co-operation between the Tuberculosis Service of the Regional Hospital Board and ourselves, which is undoubtedly of benefit to all the ~~parents~~ *PATIENTS* concerned.

B.C.G. Vaccination.—B.C.G. Vaccination is a form of active immunisation against Tuberculosis, and has been carried out in the few cases who required it—usually the children of a tuberculous infectious parent. Vaccination has in all cases been successful, and no clinical or administrative difficulties have arisen.

LIST OF STAFF.

Medical Officer of Health :—Alastair Allan, M.B., Ch.B., D.P.H.

Assistant Officer of Health :—Ita MacMahon, M.B., B.Ch., D.C.H. (Resigned 30 9/51).

Arthur S. Caldwell, M.B., Ch.B., D.P.H. (Appointed 1/10/51).

Dental Surgeon :—Peter B. Taylor, L.D.S., R.F.P.S. (Glas.).

Health Visitors :—Helen Murdison, S.R.N., Q.D.N., S.C.M., H.V.

Nancy Buglass, S.R.N.

Physiotherapists :—Ella Margaret Hunter, S.R.N., O.N.C., M.C.S.P.

Irene Johnstone, M.C.S.P.

Mrs. Isobel Bruce, M.C.S.P.

Milk Officer :—Elizabeth O. Naismith, N.D.D.

Sanitary Inspectors :—Donald B. Marquis.

John S. Beedie

Clerical Staff :—Margaret Turner, Elizabeth Martin, Alice Aitchison.

BIRTHS, MARRIAGES and DEATHS for Year 1951.

W BURGHS AND LANDWARD AREA.

		Cold- stream Burgh.	Duns Burgh.	Eye- mouth Burgh.	Lauder Burgh.	Land- ward.
Population (estimated) ...	...	1307	2045	2280	627	18954
Total Live Births Registered (in- cluding Illegitimate) ...	...	12	155	13	3	65
Total Births Corrected (including Illegitimate) ...	...	24	52	25	10	251
Total Births Corrected Male ...	...	9	30	12	5	122
.. .. Female ...	...	15	22	13	5	129
.. .. Illegitimate	...	2	—	1	—	20
Still-Births Registered (including Illegitimate) ...	...	1	3	—	—	—
Still-Births Corrected for Mother's Residence ...	...	1	2	—	—	7
Marriages Registered ...	...	7	26	13	5	78
Deaths Registered ...	...	21	36	32	7	193
Deaths Corrected for Residence	...	22	33	37	13	280
Deaths Corrected Male ...	...	8	16	21	7	135
.. .. Female ...	...	14	17	16	6	145

ENTIRE COUNTY.

	No. Registered in District.	Transfers. Out. In.	No. Corrected for Both Sexes. Males.	Transfers. Females.	Rate per 1000 of Est. Pop. (Both Sexes)
ve Births (Including Illegitimate) ..	218	116 230	362	178 184	14.4
ve Births (Illegitimate)	12	1 12	23	10 13	(2) 6.4
il-Births	4	3 9	10	6 4	(3) 27.0
riages	129	— —	—	—	5.1
aths—All Causes	280	22 118	385	187 198	* 15.3
Tuberculosis (All Forms) ..	—	— —	3	2 1	0.12
.. (Respiratory System) ..	—	— —	2	1 1	0.08
Principal Epidemic Dis. (1)	—	— —	5	3 2	0.20
Children aged under One Year	—	— —	20	13 7	(4) 55.0

Typhoid fever, cerebro-spinal fever, scarlet fever, whooping cough, diphtheria, influenza and measles. (2) Per 100 live births. (3) Per 1000 total births (including still-births). (4) Per 1000 live births * Rate adjusted for Age and Sex Distribution=13.0

CAUSES OF DEATH.

The following table is a general summary of deaths, corrected for transfers, showing ages at death:—

	Cold- stream Burgh.	Duns Burgh.	Eye- mouth Burgh.	Lauder Burgh.	Land- ward
Tuberculosis of respiratory system	—	—	—	—	2
Tuberculosis, other forms ...	—	—	1	—	—
Syphilis and its sequelae ...	—	—	—	—	—
Typhoid fever	—	—	—	—	—
Dysentery, all forms	—	—	—	—	—
Scarlet fever and streptococcal sore throat	—	—	—	—	—
Diphtheria	—	—	—	—	—
Whooping cough	—	—	—	—	—
Meningococcal infections ...	—	—	—	—	1
Acute poliomyelitis	—	—	—	—	—
Measles	—	—	—	—	—
Other infectious and parasitic diseases (B 5, 11, 13, 15, 16)*	—	—	—	—	1
Malignant neoplasms	1	9	12	—	42
Benign and unsuspected neoplasms	—	—	—	—	1
Diabetes mellitus	—	1	—	—	7
Anaemias	—	—	—	—	1
Other general diseases	—	—	1	1	1
Vascular lesions affecting central nervous system	4	2	2	2	43
Nonmeningococcal meningitis	—	—	—	—	—
Other diseases of nervous system	—	—	6	—	6
Rheumatic fever	—	—	—	—	—
Chronic rheumatic heart disease	3	—	1	—	1
Arteriosclerotic and degenerative heart disease	4	17	6	5	99
Other diseases of heart	—	—	—	—	4
Hypertension with heart disease	—	2	1	—	1
Hypertension without heart disease	1	—	—	—	4
Other circulatory disease ...	1	1	—	—	5
Influenza	2	—	—	—	2
Pneumonia	1	—	—	1	4
Bronchitis	1	—	—	—	5
Other respiratory diseases ...	1	—	—	—	3
Ulcer of stomach and duodenum	—	—	—	—	4
Appendicitis	—	—	—	—	2
Intestinal obstruction and hernia	—	—	—	—	1
Gastritis and duodenitis ...	—	—	1	—	—
Diarrhoea (except of newborn) ...	—	—	—	—	3

	Cold- stream Burgh.	Duns Burgh.	Eye- mouth Burgh.	Lauder Burgh.	Land- ward
Cirrhosis of liver	—	—	—	1	—
Other diseases of liver	—	—	—	—	3
Other digestive diseases	—	—	—	—	—
Nephritis and nephrosis	1	—	—	—	4
Hyperplasia of prostate	—	—	—	—	2
Other diseases of genito urinary system	—	—	—	—	—
Puerperal sepsis including post sepsis	—	—	—	—	—
Other puerperal causes	—	—	—	—	—
Diseases of skin and organs of locomotion	—	—	—	—	2
Congenital malformations	—	—	1	—	4
Birth injuries, post natal asphyxia and atelectasis	—	1	—	—	2
Pneumonia of newborn	—	—	—	—	—
Diarrhoea of newborn	—	—	—	—	—
Other infections of the newborn	—	—	—	—	—
Other diseases peculiar to early infancy	—	—	—	1	4
Senility	—	—	3	—	2
Cause ill-defined and unknown ...	—	—	2	—	—
Suicide	—	—	—	—	2
Motor vehicle accidents	—	—	—	—	4
Other road transport accidents	—	—	—	—	2
Other violence (BE 50)	2	—	—	2	6
All Causes	22	33	37	13	280

AGES AT DEATH.

Under 1	1	1	—	1	17
1- 4	1	—	2	—	3
5- 9	—	—	—	—	2
10-14	—	—	—	—	—
15-24	—	—	—	—	3
25-34	—	1	2	—	5
35-44	1	1	—	—	8
45-54	2	3	6	1	17
55-64	1	3	4	1	34
65-74	8	12	12	4	73
75-84	5	9	10	4	85
85 and over	3	3	1	2	33
Not stated	—	—	—	—	—
All Ages	22	33	37	13	280

*Including erysipelas, septicaemia and lethargic encephalitis.

FOOD SUPPLY.

MILK AND DAIRIES.

The production of milk is one of the main industries of Berwickshire, and the standard of production is, as a rule, very good. The standard of premises is almost without exception very good also, the main exception being a number of smallholdings in the East of the County. One would have thought that dairy premises owned by the Department of Agriculture for Scotland would be a model of what dairy premises ought to be: the fact is they are the worst dairy premises in the County, would not be tolerated in a private producer, and are a disgrace to a Government Department.

MILK.

A list of the licences issued to Designated Producers and Dealers is given below :—

CERTIFIED LICENCES :—

Renewed :— Messrs. Rae, Bros., East Morriston :
 John Findlayson, Wynhead, Lauder :
 James MacGregor, Coldstream Mains :
 W. Donald Wilson, Ltd., Magdalenehall :
 Messrs. Logan & Forrest, Mersington :

TUBERCULIN TESTED LICENCES :—

New Licences :— Albert Paterson, Longformacus Mill :
 David M. Wilkie, Bonkyl Dairy, Preston :
 Hon. Mrs. Balfour, Newton Don, Kelso :
 A. G. Tennant, Ninewells Mains, Chirnside :
 D. S. Clark & Sons, Ravelaw, Whitsome :
 Manderston Estate Co., per D. M. Robertson, Esq.,
 Buxley, Duns :
 J. Gilchrist, Justicehall, Oxtou :

Renewed :— James Smellie, Rumbletonlaw, Greenlaw :
 James T. Wight, Whittrighill, St. Boswells :
 Brigadier A. H. C. Swinton, Kimmerghame Mill :
 James McQueen, 45 Foulden Newton, Berwick :
 Lieut.-Colonel Younger, Gledswood, Melrose :
 David Dunlop, Buskinbraes, Coldstream :
 Mrs. Sitwell, Lennel House, Coldstream :
 Robert Wilson, Eceles Mains, Kelso :
 James Wood, Northburn, Eyemouth :
 Douglas & Angus Estates, Hirsell, Coldstream :
 R. L. Johnston, Simprim, Coldstream :
 George Fergie, Westertown, Westruther :
 J. & Mrs. Kinghorn, Polwarth South Crofts :
 William H. Bryce, Rowanlea, Gordon :
 George Morris, Fawside, Gordon :
 Lieut.-Colonel Hay, Duns Castle, Duns :
 Mrs. D. R. Thomson, Nenthorn, Kelso :

Hugh Henderson, West End, Earlston ;
 Joseph Coltherd, Glencairn, Hume ;
 James Byers, Craiglea, Hume ;
 Tweedside Industrial Co-operative Society (Supplementary Licence) ;
 David S. Walker, Duns ;
 P. M. Minchin, East Cruicksfield, Duns ;
 Alex. Mitchell, Legars, Hume ;
 Robert Laing, Oxmuir, Hume ;
 Messrs. A. & R. Fleming, Renton Home Farm ;
 R. & J. McDonald, Ecclestofts ;
 D. S. Clark, Bellshiel ;
 D. S. Clark, South Laws ;
 J. Anderson, Hardens, Duns ;
 Adam Shortreed (Jun.), Redpath West End ;
 J. D. Bell, West Mains, Gordon ;
 Messrs. Laidlaw & Shiell, Ninewells Mains ;
 Messrs. R. & G. Young, Fogorig ;
 Messrs. L. & C. P. Thatcher, Macksmill ;
 Messrs. T. J. & H. G. Kinghorn, Kames West Mains ;
 James Mitchell, Jardinefield ;

STANDARD LICENCES :—

Renewed :— J. M. Walker, Eyemouth Mill ;
 Thos. Sinclair, 44 Foulden Newton ;
 C. Shiells, 23 Fouldeir New Mains ;
 Thos. Hendry, West Mains, Reston ;

PASTEURISED LICENCES :—

Renewed :— Galashiels United Co-operative Society, Ltd.
 (Supplementary Licence to sell Pasteurised and T.T. Milk).

DAIRY HERDS (Year 1951).

Number of Certified or Tuberculin Tested Herds in County	44
Number of Standard Herds in County	4
Number of Non-designated Herds in County	26

In the 44 Certified or Tuberculin Tested Herds 3,433 animals were tested during the year, 32 reactors being found.

In the 4 Standard Herds 560 animals were clinically examined during the year, 1 animal being found with a Tuberculous Udder.

In the 468 non-designated Herds and exempted premises 560 animals were clinically examined during the year. 1 was found to come within the scope of the Tuberculosis Order and was slaughtered.

2 cases of Anthrax was confirmed during 1951.

No case of Swine Fever was confirmed during 1951.

FOOD INSPECTION.

Seizures and/or condemnations.

					<i>Lbs.</i>	<i>Ozs.</i>
Tinned Meat	...	...	...	...	334	15
Tinned Fish	...	...	...	...	5	12½
Tinned Fruit	...	...	...	...	79	11½
Tinned Vegetables	...	...	...	...	48	2
Tinned Soup	...	...	...	...	50	—
Tinned Jam	...	...	...	...	33	8
Sugar	...	...	...	...	18	—
					567	1

Also :—

22—10 Fluid oz. bottles of Salad Dressing.

14—12 oz. Jars of Mustary Pickles.

11 Tins of Condensed Full Cream Milk.

6 Tins of Carnation Evaporated Milk.

1—12½ fluid oz. jar of apricots.

1—16 fluid oz. tin of Pure Grapefruit Juice.

2—19 fluid oz. tins of Grapefruit Juice.

13 Tins Tulip Brand Danish Pork Luncheon Meat.

1—1 Gallon Tin Victoria Plums.

ICE CREAM.

The result of the Ice Cream (Scotland) Regulations has been to effect a considerable improvement in most of the premises where ice cream is manufactured. A large number of shops are now serving packed ice cream ; those are, however, exempt from registration.

No. of applications for registration—

(1) Premises	...	...	5
(2) Vehicles	...	...	1

No. of registrations—

(a) Granted	(1) Premises	...	9
	(2) Vehicles	...	1
(b) Pending	(1) Premises	...	—
	(2) Vehicles	...	—
(c) Refused	(1) Premises	...	—
	(2) Vehicles	...	—
(d) Withdrawn	(1) Premises	...	3
	(2) Vehicles	...	—

Total Number of Registrations in County—

20 Premises.

3 Vehicles.

PARTICULARS OF COUNCIL OWNED HOUSES.

at 31st December, 1951.

I am indebted to the Master of Works for the following figures concerning County Council houses.

BUILT UNDER THE 1924 ACT (not subject to Special Conditions).

<i>Situation.</i>	<i>No of Houses.</i>			<i>Size of Houses.</i>	<i>Rent.</i>
Chirnside	1	4 apartments	£22 0 0
Clockmill	2	4 apartments	22 0 0
Lauder	2	4 apartments	22 0 0
			<u>5</u>		

BUILT UNDER THE 1924 ACT (Subject to Special Conditions).

Ayton ... ..	...	...	2	4 apartments	£22 0 0
Chirnside ... ..	...	...	2	4 apartments	22 0 0
Chirnside ... ..	...	...	20	3 apartments	16 10 0
Cockburnspath ..	...	...	8	3 apartments	18 0 0
Coldingham ..	...	...	8	3 apartments	16 10 0
Earlston ... ..	...	...	4	3 apartments	16 10 0
Gordon ... ..	...	...	4	3 apartments	16 10 0
Grantshouse ..	...	...	6	3 apartments	16 0 0
Greenlaw ... ..	...	...	4	3 apartments	18 0 0
Oxton ... ..	...	...	4	3 apartments	16 10 0
Reston ... ..	...	...	8	3 apartments	16 10 0
St. Abbs ... ..	...	...	4	3 apartments	16 10 0
St. Abbs ... ..	...	...	2	3 apartments	18 0 0
St. Abbs ... ..	...	...	2	4 apartments	22 0 0
Upper Burnmouth	...	...	2	4 apartments	22 0 0
			<u>80</u>		

BUILT UNDER THE 1930 ACT.

Ayton ... ..	...	...	4	3 apartments	£18 0 0
Ayton ... ..	...	...	4	4 apartments	22 0 0
Ayton ... ..	...	...	1	5 apartments	26 0 0
Chirnside ... ..	...	...	12	3 apartments	16 10 0
Cowdrait (Burnmouth)	...	...	20	3 apartments	18 0 0
Cowdrait ( .. )	...	...	2	4 apartments	22 0 0
Earlston ... ..	...	...	6	3 apartments	18 0 0
Gordon ... ..	...	...	1	3 apartments	18 0 0
Greenlaw ... ..	...	...	4	3 apartments	18 0 0
Greenlaw ... ..	...	...	1	3 apartments	18 0 0
Greenlaw ... ..	...	...	2	4 apartments	22 0 0
Ross (Burnmouth)	...	...	3	3 apartments	18 0 0
Ross ( .. )	...	...	2	4 apartments	22 0 0
Upper Burnmouth	...	...	12	3 apartments	16 10 0
Upper Burnmouth	...	...	1	3 apartments	18 0 0
			<u>75</u>		

BUILT UNDER THE 1935 ACT.

<i>Situation.</i>				<i>No. of Houses.</i>	<i>Size of Houses.</i>	<i>Rent.</i>	
Ayton	...	...	...	2	4 apartments	£22 0 0
Ayton	...	...	...	1	5 apartments	26 0 0
Earlston	...	...	...	2	3 apartments	18 0 0
Gordon	...	...	...	2	4 apartments	22 0 0
Gordon	...	...	...	1	5 apartments	26 0 0
Greenlaw	...	...	...	1	3 apartments	18 0 0
Upper Burnmouth				...	1	3 apartments	18 0 0
Upper Burnmouth				...	2	4 apartments	22 0 0

 12

BUILT UNDER THE 1930-38 ACT.

Ayton	6	3 apartments	£18 0 0
Chirnside	12	4 apartments	22 0 0
Chirnside	3	5 apartments	26 0 0
Cockburnspath	2	3 apartments	18 0 0
Earlston	4	3 apartments	18 0 0
Earlston	6	4 apartments	22 0 0
Earlston	2	5 apartments	26 0 0
Longformacus	4	3 apartments	18 0 0
Cockburnspath	2	4 apartments	22 0 0

 41

BUILT UNDER THE 1946 ACT.

Reston	2	4 apartments	£26 0 0
Reston	4	3 apartments	22 0 0
Greenlaw	18	4 apartments	31 0 0
Earlston	4	5 apartments	35 0 0
Earlston	16	4 apartments	31 0 0
Cockburnspath	8	4 apartments	31 0 0
Westruther (Crudens) ...	6	4 apartments	31 0 0
Reston (Crudens)	12	4 apartments	31 0 0
Coldingham (Crudens) ...	12	4 apartments	31 0 0
Gordon (Crudens)	12	4 apartments	31 0 0
Duns (Crudens)	8	4 apartments	40 0 0
Duns (Orlits) F.D.† ...	6	4 apartments	40 0 0
Chirnside (Orlits) F.D.† ...	4	4 apartments	31 0 0

 112

Total 325

†F.D.—Flood Damage.

BUILT UNDER THE 1946 ACT UP TO DECEMBER, 1951.

<i>Situation.</i>	<i>No. of Houses.</i>		<i>Size of Houses.</i>
Cockburnspath	6	4 apartments
Chirnside (Orlits)	6	4 apartments
Coldingham (Orlits)	6	4 apartments
Gavinton (Orlits)	8	4 apartments
Cockburnspath (Orlits)	8	4 apartments
Oxton	6	4 apartments
Reston (Orlits)	4	4 apartments
Cranshaws (Orlits)	4	4 apartments
Longformacus (Orlits)	6	4 apartments

 54

BUILT UNDER THE 1946 ACT UP TO DECEMBER, 1951.

<i>Situation.</i>	<i>No. of Houses.</i>		<i>Size of Houses.</i>
Birgham (Orlits)	8	4 apartments
Duns (Orlits)	22	4 apartments
Foulden (Orlits)	8	4 apartments
Hume (Orlits)	6	4 apartments
Oxton	6	4 apartments
St. Abbs	4	4 apartments

 54

Total ... 433
333

MATERNITY AND CHILD WELFARE.

REPORT UNDER MIDWIVES (SCOTLAND) ACT, 1915.

Item.	Total (i.e. <i>all</i> cases occurring in the area).
1. Births	248
2. Deaths of new-born children (within 14 days of birth)	11
3. Still-births (Dead born)	4
4. Cases of Ophthalmia Neonatorum ...	—
5. Puerperal Sepsis—	
Cases	—
Deaths	—
6. Puerperal Pyrexia—	
Cases	—

NOTIFICATION OF BIRTHS.

The number of births registered (excluding still births) was 248. Of these 11 were illegitimate. 4 still-births were registered during the year.

INFANTILE MORTALITY.

The number of deaths in children under 1 year of age was 20. The causes of death were as follows :—

Prematurity and Congenital Debility	...	...	...	8
Pneumonia	...	...	...	5
Congenital Malformation	...	...	...	4
Cerebral Haemorrhage	...	...	...	1
Meningitis	...	...	...	1
Enteritis	...	...	...	1

OPHTHALMIA NEONATORUM.

There were no cases.

MATERNAL MORTALITY.

There were no maternal deaths during the year.

PUERPERAL FEVER AND PUERPERAL PYREXIA.

No cases of puerperal fever were notified.

CHILD WELFARE CLINICS.

The Mobile Clinic, the first of its kind in the Country, continues to render invaluable service.

Name of Clinic.	No. of Children who First Attended and who on Date of First Attendance were		Total No. of Attendances made by Children who at end of Year were	
	Under 1 Year of Age.	Over 1 Year of Age.	Under 1 Year of Age.	Over 1 Year of Age.
Coldstream ...	36	12	82	398
Eyemouth ...	38	3	91	244
Hutton ...	6	2	29	49
Paxton ...	2	—	6	16
Duns ...	23	4	54	79
Swinton ...	8	1	17	40
Gordon ...	1	6	—	33
Ayton ...	4	3	21	69
Reston ...	7	—	17	72
St. Abbs ...	2	—	9	15
Coldingham ...	9	—	16	11
Grantshouse ...	—	—	—	5
Cockburnspath ...	8	2	25	23
Leitholm ...	4	—	1	14
Longformacus ...	3	7	11	49
Cranshaws ...	2	—	6	—
Lauder ...	9	6	15	63
Earlston ...	13	5	39	88
Chirnside ...	9	1	20	98
Totals	184	52	459	1,366

SCHOOL CHILDREN.

MEDICAL INSPECTION, SUPERVISION AND TREATMENT.

SCHOOL MEDICAL SERVICE.

THE FINDINGS OF MEDICAL INSPECTION.

GENERAL REVIEW.

The total number of children examined during the year was 1,270. Of these 948 were seen at systematic examinations, and 322 were special or re-inspections.

Clothing and Footwear. One child (.5%) was found to be unsatisfactorily clothed. No case of unsatisfactory footwear was found.

Cleanliness. 6 (.6%) children were found to have nits of pediculosis capitis as compared with .48% last year. Throughout the year, however, many rotas were performed in schools at the teacher's request, and infestation was eliminated. There remain a few persistent cases where the children are re-infected by adults of the household. No satisfactory solution has been found in these cases. 3 (.3%) cases of bodily uncleanness were found.

Skin. 4 (.4%) cases of impetigo. 10 (1%) of other skin diseases, including psoriasis, eczema and warts. A number of children with multiple warts was referred for treatment to the Royal Hospital for Sick Children.

Nutritional State. No case of severe malnutrition was detected. 8 (.8%) cases of slight malnutrition were found. This is an improvement on last year's figure.

Diseases of Naso-Pharynx. 286 (30.7%) were referred to the Ear, Nose & Throat Specialist. This is very much greater than last year's figure, but the high figure in fact includes a number of children referred to the Ear, Nose & Throat Specialist last year. As the specialist has not yet completed his examinations, there are no figures available of the number who have been recommended operative treatment.

Diseases of Eye. 4 (.4%) cases of blepharitis were detected and given treatment.

Diseases of Ear. 6 (.6%) cases of aural discharge were found and referred to the Ear, Nose & Throat Specialist.

Mental and Nervous Conditions. Dull and backward children numbered 4 (.4%).

Diseases of Circulatory System. 4 (.4%) children were found to have acquired cardiac disease, but all were inactive. 15 (1.5%) cases of functional circulatory conditions were detected. These included sinus arrhythmias, extrasystoles and mitral systolic murmurs.

Respiratory Diseases. 14 (1.4%) children showed abnormal pulmonary signs. The majority of these were asthmatics who are receiving treatment.

The remainder were cases of transitory pulmonary infection. 6 cases were recommended for X-ray. In addition 25 school-children are under the observation of the Tuberculosis Officers.

Deformities. The majority of cases 145 (15.2%) referred to the specialist or physiotherapist suffered from postural and constitutional defects, such as scoliosis, pes planus and genu valgum.

Infectious Diseases. 1 (.5%) case of mumps was detected during a medical inspection. There have, however, been many epidemics this school year. Of these the most noteworthy were Measles in Duns Public School during October, November, December of 1950, and January, 1951. Influenza in late December, 1950, and January, 1951, reduced school attendances markedly in the beginning of the Hilary term. Two cases of Scarlet Fever were notified from Earlston in April, and in June one of the school teachers was removed to hospital with the same disease. Mumps had a prolonged run in the schools. The first outbreak was reported in Swinton in September, 1950. A new outbreak commenced in Cockburnspath in January, 1951, and spread in succession to the following schools:—

Preston, Foulden, Coldstream, Duns Primary, Reston, Leitholm, St. Abbs.

Smaller sporadic outbreaks of Measles occurred in different areas.

495 children were immunised against Diphtheria.

45.7% of all children examined in systematic examinations during the year were free from defects. This is an improvement on last year's figure which was 37.17%.

There were, therefore, 54.3% defective children; of these 19.8% were in Group II; 18.4% in Group III., and 15.9% in Group IV.

SCHOOL YEAR ENDED 31st JULY, 1951.

BOYS:—

		No. Exam.	Ages.	Height ins.	Weight lbs.
Entrants ...	...	181	4 11/12	39.3	41.1
2nd Age Group ...	...	156	9 3/12	52.8	67.6
3rd Age Group ...	...	153	14 2/12	60.9	95.85
4th Age Group ...	...	10	16 10/12	67.4	135.2

GIRLS:—

		No. Exam.	Ages.	Height ins.	Weight lbs.
Entrants ...	...	192	5 5/12	43.2	44.57
2nd Age Group ...	...	134	9 4/12	51.8	66.1
3rd Age Group ...	...	125	13 1/12	62.1	106.0
4th Age Group ...	...	20	16 10/12	64.2	133.9

TABLE 1.

Total number of children examined at :—

	(A) <i>Systematic</i> <i>Examinations.</i>	<i>Other Systematic</i> <i>Examinations.</i>
--	---	---

Ordinary Schools :—

Entrants	373	—
Second Age Group	259	31
Third Age Group	235	20
Fourth Age Group	30	—
Total	897	51

Other Examinations :—

Special cases	316	6
Re-inspections by Medical Officer	—	—
Total	316	6

Number of individual children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanliness and dental caries) :—

Entrants	...	...	133
Second Age Group	....	....	101
Third Age Group	....	....	63
Fourth Age Group	....	....	31
Total	....	....	328

Mouth & Teeth— Unhealthy	18	(9.9)	22	(11.4)	8	(5.0)	8	(5.9)	3	(2.3)	1	(0.8)	—	—	—	29	(6.0)	31	(6.5)	
NASO-PHARYNX.																				
Nose—																				
Obstruction requiring observa- tion	1	(2.2)	3	(4.3)	2	(1.2)	—	—	—	—	—	—	—	—	—	6	(1.25)	3	(0.6)	
Obstruction (probable) aden- oids requiring operative treatment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other conditions	6	(3.3)	—	—	1	(0.6)	—	—	1	(0.7)	1	(0.8)	—	—	—	8	(1.67)	1	(0.2)	
Throat—																				
Tonsils requiring observation	70	(38.0)	78	(40.6)	31	(19.8)	36	(23.0)	33	(25.0)	27	(21.6)	1	(10.0)	2	(10.0)	135	(28.0)	143	(30.0)
Tonsils requiring operative treatment	51	(28.1)	43	(22.4)	19	(12.17)	18	(13.4)	22	(16.9)	15	(12.0)	—	—	—	92	(19.3)	76	(16.1)	
Glands requiring observation	—	—	37	(19.2)	20	(12.0)	11	(14.0)	15	(11.5)	14	(11.2)	—	2	(10.0)	35	(7.3)	72	(15.3)	
Requiring operative treatment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
External Eye Diseases																				
Blepharitis	1	(0.5)	—	—	2	(1.2)	—	—	1	(0.7)	—	—	—	—	—	4	(0.8)	—	—	
Conjunctivitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Corneal Opacities	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Strabismus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Other Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Visual Acuity—																				
Fair	—	—	—	—	2	(1.2)	3	(2.2)	6	(4.5)	6	(4.8)	—	—	—	8	(2.7)	9	(3.2)	
Bad	—	—	—	—	3	(1.9)	1	(0.7)	2	(1.5)	5	(4.0)	2	(20.0)	—	7	(2.4)	6	(2.2)	
Recommended for Refraction	—	—	—	—	3	(1.9)	1	(0.7)	3	(2.3)	5	(4.0)	2	(20.0)	—	8	(2.7)	6	(2.2)	

Nature of Defect.	Entrants.		Second Age Group.		Third Age Group.		Fourth Age Group.		All Ages.	
	Boys	%	Boys	%	Boys	%	Boys	%	Boys	%
Ears—										
Otorrhoea	—	—	3	(4.5)	2	(1.2)	1	(0.7)	—	—
Other Diseases	1	(0.5)	—	—	—	—	1	(0.7)	—	—
Hearing—										
Grade I.	—	—	—	—	—	—	—	—	—	—
Grade IIa.	—	—	—	—	—	—	—	—	—	—
Grade IIb.	—	—	—	—	—	—	—	—	—	—
Grade III.	—	—	—	—	—	—	—	—	—	—
Speech—										
Defective Articulation ..	1	(0.5)	—	—	—	—	—	—	1	(0.2)
Stammering	—	—	—	—	—	—	—	—	—	—
Mental and Nervous Condition—										
Backward	—	—	—	—	1	(0.6)	1	(0.7)	—	—
Dull	—	—	—	—	1	(0.6)	1	(0.7)	—	—
Mentally Defective (educable)	—	—	—	—	—	—	—	—	—	—
Mentally Defective (ineducable)	—	—	—	—	—	—	—	—	—	—
Highly nervous or unstable ..	1	(0.5)	—	—	—	—	—	—	1	(0.2)
Difficult in behaviour ..	—	—	—	—	—	—	—	—	—	—
Organic Heart Disease—										
Congenital	—	—	—	—	—	—	—	—	—	—
Acquired	2	(1.1)	2	(1.0)	—	—	—	—	2	(0.4)
Functional Conditions ..	2	(1.1)	3	(1.5)	1	(0.6)	4	(2.0)	3	(0.6)

Nature of Defect.	Entrants—		%		Second Age Group,		Third Age Group,		Fourth Age Group,		All Ages,	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
	%	()	%	()	%	()	%	()	%	()	%	()
Lungs—												
Chronic Bronchitis ..	1	(0.5)	—	—	—	—	—	—	—	—	1	(0.2)
Suspected Tuberculosis ..	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases ..	3	(1.6)	5	(2.6)	3	(1.9)	2	(1.4)	—	—	6	(1.2) 7 (1.4)
Deformities —												
Congenital ..	—	—	—	—	—	—	—	—	—	—	—	—
Acquired (Infantile Paralysis)	—	—	—	—	—	—	—	—	—	—	—	—
Acquired (probable Rickets)	—	—	—	—	—	—	—	—	—	—	—	—
Acquired (other causes) ..	24	(13.2)	40	(20.8)	22	(14.0)	16	(11.9)	19	(14.6)	22	(10.0) 80 (16.9)
Infectious Disease ..	—	—	—	—	—	—	—	—	—	—	—	—
Other Disease or Defects ..	3	(1.6)	5	(2.6)	1	(0.6)	1	(0.7)	2	(1.5)	1	(0.8) 7 (1.4)

Table III.

SYSTEMATIC MEDICAL EXAMINATIONS.

Entrants.		Second Age Group.		Third Age Group.		Fourth Age Group.		Total.
No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children	Percentage of the children examined in this group.	No. of children examined at systematic medical examinations
137	36.9%	149	51.3%	127	49.8%	21	76.0%	431
3	0.8%	2	0.7%	—	—	—	—	5
93	24.9%	12	14.5%	17	18.4%	1	3.3%	183
—	—	—	—	—	—	—	—	—
96	25.7%	41	15.2%	47	18.4%	1	3.3%	188
88	23.5%	56	19.3%	28	11.0%	3	10.0%	175
14	11.8%	37	12.8%	40	19.2%	5	16.7%	135
8	2.1%	1	1.4%	1	1.0%	—	—	10
52	13.9%	41	14.2%	53	20.8%	5	16.7%	151
Total								458%

CLASSIFICATION.

- I. Children free from defects
- II. Children (otherwise free from defects) who suffer from—
 (a) Defective vision not worse than 6/12 in the better eye with or without glasses; or ..
 b) Conditions of the mouth and teeth requiring treatment
 (c) both (a) and (b)
- Total
- III. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks ..

- IV. Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II or III, distinguishing cases:—
 (a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible ..
 (b) Where, however, only a considerd possible, e.g., without complete restoration of function
- Total

Total number of children examined

Table IV.

RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE IN THE AREA.

Disability.	At Ordinary Schools.	At Special Schools or Classes.	At no School or Institution.	Total.
1.—Blind	—	2	—	2
2.—Partially sighted—				
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye condition ...	—	—	—	—
(b) Other conditions of the eye, e.g., cataract, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school ...	—	—	—	—
3.—Deaf :—				
Grade I.	—	—	—	—
Grade IIa.	3	—	—	3
Grade IIb.	2	—	—	2
Grade III.	—	2	—	2
4.—Defective speech :—				
(a) Defects of articulation requiring special edu- cational measures	—	—	—	—
(b) Stammering requiring special educational measures	—	—	—	—
5.—Mentally defective :—				
(Children between 6 and 16 years)—				
(a) Educable (I.Q. approx. 50-70)	26	—	—	26
(b) Ineducable (I.Q. gener- ally less than 50)	—	4	9	13
6.—Epilepsy :—				
(a) Mild and occasional ...	—	—	—	—
(b) Severe (suitable for care in a residential school)	—	—	—	—

7.—Physically defective
(Children between 5 and
16 years)—

(a) Non-pulmonary Tuberculosis (excluding cervical glands) ...	...	—	—	—	—
(b) General orthopaedic conditions ...	...	790	—	3	793
(c) Organic heart disease	...	—	—	—	—
(d) Other causes of ill-health ...	...	—	—	—	—

8.—Multiple defects :—

- (a).....
(b).....

1.—PREVALENCE OF DEFECTS—EYES—VISUAL ACUITY :—

No. of children recommended for refraction, 14.

2.—CLASSIFICATION OF CHILDREN ACCORDING TO DEFECT.—

See attached report.

3.—RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL AGE
IN THE AREA :—

- (a) Defects of articulation requiring special educational measures—Nil.
(b) Stammering requiring special educational measures—Nil.

4.—MEDICAL TREATMENT :—

A.—Minor Ailments :—

- (1) Cuts, bruises, sprains and minor injuries, etc.,—40.
(2) Diseases of the ear—Nil.
(3) Diseases of the eye, excluding defective vision—1.
(4) Diseases of the skin :—

Ringworm (Scalp)—

X-ray treatment	...	...	...	...	Nil
Other treatment	...	...	...	...	Nil
Ringworm (body)	...	...	...	...	Nil
Scabies	...	...	...	...	10
Impetigo	...	...	...	...	35
Other diseases	...	...	...	...	Nil

B.—Defective vision and squint—184.

C.—Nose and throat (operative treatment)—125.

D.—Orthopaedic and postural defects (specialist treatment)—9.

NOTE.

Minor Ailments.

A—1. 26 were attended by their own medical practitioners.

Scabies—All were attended by their own medical practitioners.

Impetigo—18 were attended by their own medical practitioners.

CHILDREN BORN IN 1943 (examined for Visual Acuity and Hearing only)

	<i>Girls.</i>	<i>Boys.</i>
Fair Vision	3	5
Bad Vision	1	2
Hearing : all normal.		
Total Number of children examined—348.		

Table V.

BERWICKSHIRE SCHOOL DENTAL SERVICE.

Return of Dental Treatment for the School Year ending 31st July, 1951 :—

1.—INSPECTED BY DENTIST :—

Aged.	Systematic Examination.	Special Emergency Cases.	Total.
4	24	...	24
5	123	...	123
6	120	...	120
7	170	...	170
8	166	...	166
9	150	...	150
10	126	...	126
11	129	...	129
12	86	...	86
13	86	...	86
14	58	...	58
15	59	...	59
Total	1,297	...	1,297

2.—Found to require treatment, 1,100.

3.—No. accepting treatment, 1,061.

4.—No. actually treated, 961.

5.—No. of attendances made by children for treatment, 1,310.

6.—Fillings inserted : Permanent teeth, 660 ; Temporary Teeth, 1,137.
Total, 1,797.

7.—Extractions : Permanent teeth, 2 ; Temporary teeth, 536. Total, 538.

8.—No. of administrations of a general anaesthetic for extractions, Nil.

9.—Sealings and other operations, 125.

10.—Half days devoted to inspections and records, 24 ; Half days devoted to treatment, 280.

11.—No. of children treated under private arrangements, Nil.

12.—No. of orthodontic cases under treatment, 5.

13.—No. of Pre-school and Maternity (emergency treatments), 59.

ORTHOPAEDIC REPORT.

Number of Children on Roll	..	..	..	..	..	898
Number of Clinics Held	..	..	..	..	..	76
Number of Attendances of Children at Clinics				..	..	789

CONDITIONS CLASSIFIED :—

Feet	Posture	Congenital	Others
585	185	17	111

DISTRICT NURSING.

The County Council is now responsible for providing a District Nursing Service, and in Berwickshire this is effected by agreement with the Berwickshire Nursing Association who carry out the work on behalf of the County Council. The figures showing the work done are given in the table below.

ANNUAL REPORT, ending 31st December, 1951.

District.	Total number of patients.	General.	Maternity.	Visits.	Maternity		Casual Child Welfare		Attendance at Ante-Natal		Tuberculosis	
					visits.	Visits.	Visits.	Visits.	Clinics.	Visits.	Visits.	Visits.
Ayton ...	75	73	2	1,842	25	69	360	86	141	47		
Chirnside ...	111	99	12	2,744	232	10	364	235	139	—		
Cockburnspath ...	159	156	3	2,132	62	153	560	54	42	—		
Coldingham ...	89	83	6	1,092	52	36	237	61	49	—		
Coldstream ...	204	196	8	3,198	126	121	439	453	54	—		
Duns ...	172	164	8	2,542	98	6	818	130	49	—		
Earlston ...	147	142	5	2,715	133	83	146	573	127	—		
Eyemouth ...	142	130	12	1,761	153	185	733	349	217	55		
Greenlaw ...	379	373	6	3,563	—	—	438	—	95	—		
Lauder—1 ...	164	156	8	2,181	127	98	1,021	87	166	75		
Lauder—11 ...	52	48	4	2,747	87	95	447	32	121	—		
Leitholm ...	128	122	6	1,894	118	97	855	74	72	—		
Relief East Area ...	72	64	8	1,182	90	—	169	80	87	36		
Relief Middle District	15	11	4	1,160	68	—	191	67	39	—		
	1 909	1,817	92	30,753	1,371	953	6,778	2,281	1,398	213		

INFECTIOUS DISEASES.

The figures for Infectious Disease are given below :—

					Cases Notified.	Cases removed to Hospital.
Cerebro-spinal fever	...	...	...	...	1	1
Erysipelas	...	...	...	...	1	—
Jaundice, Acute Infective	...	...	...	...	—	—
Malaria	...	...	...	...	—	—
Pneumonia, Acute Influenzal	...	...	...	...	—	—
Pneumonia, Acute Primary	...	...	...	...	3	1
Acute Poliomyelitis	...	...	...	...	—	—
Scarlet Fever	...	...	...	...	17	16
Para-Typhoid B	...	...	...	...	—	—
Whooping Cough	...	...	...	...	31	—
Totals	...	...	...	...	53	18

TUBERCULOSIS.

NOTIFICATIONS.

PULMONARY CASES NOTIFIED :—

		5	10	15	25	35	45	65	
		and	and	and	and	and	and	and	
		Under	under	under	under	under	under	up-	
		5	10	15	25	35	45	65	wards. Total.
Males	...	—	—	—	—	1	2	1	1 5
Females	...	—	—	—	5	1	1	2	— 9
Total	...	—	—	—	5	2	3	3	1 14

NON-PULMONARY CASES NOTIFIED :—

		5	10	15	25	35	45	65	
		and	and	and	and	and	and	and	
		Under	under	under	under	under	under	up-	Total.
		5	10	15	25	35	45	65	wards.
Males	...	1	2	—	—	1	—	—	4
Females	...	—	2	2	—	1	—	—	5
Total	...	1	4	2	—	2	—	—	9

TUBERCULOSIS REGISTER.

PULMONARY CASES :—

		5	10	15	25	35	45	65	
		and	and	and	and	and	and	and	
		Under	under	under	under	under	under	up-	Total.
		5	10	15	25	35	45	65	wards.
1. <i>Sputum or other material examined and tubercle bacilli found.</i>									
Males	...	—	—	—	1	6	3	3	14
Females	...	—	—	—	2	8	2	3	15
2. <i>Sputum or other material examined and tubercle bacilli never found.</i>									
Males	...	1	3	—	1	13	7	4	30
Females	...	—	—	1	2	13	2	4	23
3. <i>Sputum or other material not examined.</i>									
Males	...	—	—	—	—	—	—	—	—
Females	...	—	—	—	—	—	—	—	—
Total	...	1	3	1	6	40	14	14	82

NON-PULMONARY CASES :—

1. <i>Abdominal.</i>									
Males	...	—	—	—	—	—	2	1	3
Females	...	—	1	2	—	3	—	1	7
2. <i>Spine</i>									
Males	...	—	—	—	—	1	1	1	3
Females	...	—	—	—	—	—	1	—	1
3. <i>Bones and joints (exclusive of spine).</i>									
Males	...	—	—	—	—	—	—	—	—
Females	...	—	—	—	1	1	—	1	3
4. <i>Superficial glands.</i>									
Males	...	—	3	3	2	1	—	—	9
Females	...	2	5	4	5	2	2	1	21
5. <i>Lupus.</i>									
Males	...	—	—	—	—	—	—	—	—
Females	...	—	—	—	—	—	—	1	1
6. <i>Other parts or organs.</i>									
Males	...	—	—	—	—	—	—	—	—
Females	...	—	1	—	—	—	—	—	1
Total	...	2	10	9	8	8	6	3	40

HOSPITAL.

The number of cases of tuberculosis, which received institutional treatment during the year is as follows :—

Number of Patients.					
	In institutions on Jan. 1st.	Admitted during the year.	Discharged during the year.	Died in the institutions.	In institutions on Dec. 31st, 1951.
PULMONARY.					
Adults :—					
Males ...	9	6	6	1	8
Females ...	7	8	5	1	9
Children :—					
Males ...	3	—	3	—	—
Females ...	—	—	—	—	—
NON-PULMONARY.					
Adults :—					
Males ...	1	—	1	—	—
Females ...	1	1	2	—	—
Children :—					
Males ...	—	2	—	1	1
Females ...	1	—	—	—	1
Total ...	22	17	17	3	19

At the end of the year there were 82 persons resident in the County known to be suffering from pulmonary tuberculosis. There were 2 deaths from pulmonary tuberculosis during the year.

BLIND ROLL, 31st DECEMBER, 1951.

The number of persons on the Blind Roll at the 31st December, 1951, was 46. 9 new cases were added during the year, and 7 were taken off the roll.

During the year 273 and 67 visits were paid by Mr. Doig and Miss Campbell respectively. Visitors for the Society for Teaching the Blind, Edinburgh.

Lessons in Braille reading and writing—6.

Lessons in Moon—8.

Lessons in Seagrass seating—2.